

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,643,990 B1  
APPLICATION NO. : 10/693227  
DATED : January 5, 2010  
INVENTOR(S) : Jerome R. Bellegarda

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page, item (\*) Notice: should read as follows: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 1128 days.

In column 7, line 12, delete "T" and insert -- <sup>T</sup> --, therefor.

In column 13, line 53, in claim 7, delete "T" and insert -- <sup>T</sup> --, therefor.

In column 17, line 37, in claim 42, delete "T" and insert -- <sup>T</sup> --, therefor.

In column 18, line 49, in claim 53, delete "T" and insert -- <sup>T</sup> --, therefor.

In column 19, line 63, in claim 65, delete "T" and insert -- <sup>T</sup> --, therefor.

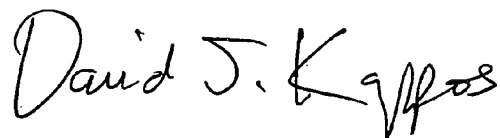
In column 20, line 1, in claim 67, delete "i" and insert --  $\bar{u}_i$  --, therefor.

In column 20, line 60, in claim 76, delete " $W=U\tau V^T$ " and insert -- " $W = U \Sigma V^T$ " --, therefor.

In column 21, line 3, in claim 76, delete "T" and insert -- <sup>T</sup> --, therefor.

Signed and Sealed this

Fourteenth Day of September, 2010



David J. Kappos  
Director of the United States Patent and Trademark Office